PATENT ABSTRACTS OF JAPAN

(11)Publication number:

11-302205

(43) Date of publication of application: 02.11.1999

(51)Int.Cl.

CO7C 22/04 CO7C 17/14

(21)Application number: 10-116494

(71)Applicant: KANEGAFUCHI CHEM IND CO LTD

(22)Date of filing:

27.04.1998

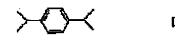
(72)Inventor: OISHI TAKAHIRO

CHIBA TAKESHI MAEDA TAKUYA WACHI TAKASHI

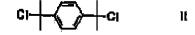
(54) PRODUCTION OF AROMATIC CHLORINATED HYDROCARBON

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain an aromatic chlorinated hydrocarbon compound useful as a cation polymerization initiator by using a specific compound, a specified solvent which cannot be chlorinated, an aqueous metal hypochlorite salt solution, and a protonic acid as raw materials.



SOLUTION: This method for producing an aromatic chlorinated hydrocarbon compound of the formula: CnHm(CR1R2Cl)k [(n) is 6–12; (m) is 0–9; (k) is 1–10; R1 and R2 are each a (substituted) monovalent 1–5C aliphatic saturated hydrocarbon] (for example, a compound of formula II) comprises using (A) a compound of the formula: CnHm(CHR1R2Cl)k (for example, a compound of formula I), (B) a solvent [preferably an aromatic solvent of the formula: Z(R3)y [Z is an aromatic hydrocarbon; R3 is C or a monovalent substitutent comprising a halogen; (y) is 1–3] whose ≥95 wt.% is not chlorinated, even when mixed with hypochlorous acid having a chlorine concentration of ≥0.4 mol/kg



determined by a titration method and subsequently stirred in an ice bath for 2 hr, (C) an aqueous metal hypochlorite salt solution and (D) a protonic acid as raw materials.

LEGAL STATUS

[Date of request for examination]

26.12.2002

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]